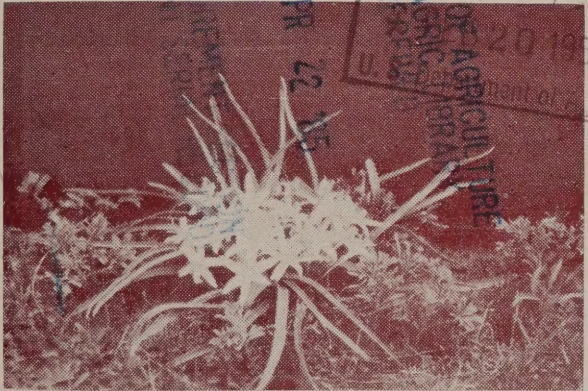


S.B. 915  
.29B355

# BEAUTIFUL NATIVE PLANTS

FROM THE  
HIGH PLAINS, BADLANDS  
AND BLACK HILLS

1956



**Leucocrinum montanum, Sand Lily.** Sparkling waxy little lilies, white with a touch of soft gold, dot thousands of sunny slopes on the Plains, and far to westward, in April and May, and fill the air with their waste of gentle fragrance. Florets rise directly from the underground crown of the plant. Their height, three or four inches, they may number up to forty, over a month or so.

Of the Lily Family, the Sand Lily has a fascicle of fleshy deep reaching roots in place of a bulb. Easily grown, it needs a year to become productive. Dormant from midsummer to the next spring. Gravelly to firm soils are suitable, never pure sand, never rich. The crown is set uniformly two inches down.

## Claude A. Barr

PRAIRIE GEM RANCH

Smithwick, S. D.

**SERVICE:** High quality plants only are sent on your order. Our packing will please. In addition to culture suggested in this catalog special advice is offered when it may prove useful or on request. Every effort is made to get shipments out when desired. Mention of your preferred date will be appreciated, and of one or two alternatives, as a few items are in short supply.

**PRICES** include prepaid delivery. Usually 3 or 12 plants can be furnished if one or "each" is priced.

**A SEED LIST** is issued in autumn.

## HABITAT AND GARDEN SUCCESS

To grow the Great Plains plants it is important to recognize native factors of adaptation and environment. Character and faculty have been molded in these plants by untold ages of living where periods of moisture shortage are long and of moisture excess very brief.

Moisture retention devices in the plant structure have been developed to an outstanding degree to withstand shortage; to escape excesses the canny plants select high places and slopes, rocky, gravelly and porous soils from which excess water readily drains away or down, thus quickly restoring aeration. In general, moistness is sought, wetness avoided.

A recommended scree for replacing soils that are close textured and impervious, or too rich and moisture retentive, or to counteract inescapable shade from remote trees or other objects, is mixed from equal parts of ordinary soil, coarse sand, and fine gravel or rock chips, including some lime. This provides an excellent base for all Great Plains plants. The needs of certain subjects for portions of richer soil may be met by adding leafmold or other humus, locally, in planting or in top-dressing. All plants listed herein are tolerant of lime and a few demand it.

## HERBACEOUS PERENNIALS

**Actinea simplex** Wide daisies of brilliant gold, 4 to 10" above silvered rosettes of narrow leaves. June and later. Ideal rock plant. 45c; 3, \$1.00.

**Agastache anethiodora**, Anise Hyssop. Delightful fragrant tall herb. Spikes of soft blue-lavender continuously, June on. Rich soil, shade. 50c.

**Anemone caroliniana** Brave and dainty and jewel-like, inch-and-a-half wide, blue or white, of 8 to 20 cupped petals, May. 3, 50c; doz. \$1.50.

**Anemone patens nuttalliana**, American Pasque. Large sixpointed stars of satiny lavender, March, April, ahead of the leaves. Decorative seed heads. South Dakota's state flower. 50c; 3, \$1.35.

**Antennarias** — Pussy-toes, Ladies' Tobaccos. Valuable evergreen rock garden ground covers, slow spreading, very low, each with its own texture.

**A. aprica** Broad little leaves of silvery olive in inch high mats, pussy-toe blossoms at 4". Gray-white, clump, 40c; charming soft pink, 50c.

**A. campestris** Broader leaves, velvety deep green, underside white. Toes white or silvery. 50c.

**A. microphylla** Tiny bluish silvery leaves, lovely pattern and texture. Toes white furry. 50c.

**A. obovata** Like a larger aprica; Gray toes. 45c.

**A. rosea** Narrower leaved than aprica, with toes of rich dark rose. Strikingly lovely. 50c; 3, \$1.25.

**Arenaria hookeri** Needle leaved cushion of rich deep green, bebies of stemless white stars, June. Tap-rooted, for scree with lime. 50c; 3, \$1.20.

**Arnica fulgens**. Large daisies of richest gold in patterned elegance. To 14", June. Leaves lanceolate, basal, gray. Summer dormant. 50c; 3, \$1.20.

**Artemisia frigida** Low, feathery, silvery, fragrant cushion sage. Arching racemes of tiny yellow bells, August. 45c; 3, 90c.

**Asclepias pumila** Diminutive milkweed, 5 to 8" stems closely set with little linear leaves, cream-white umbels, midsummer on. 50c; 3, \$1.20.

**Aster batesi** Slender arching stems, narrow stiff leaves, to 24" or more, wreathes of tiny closely set florets, lavender blue and gold, September. Head back to 6", July, for low blooming. 50c; 3, \$1.20.



**Aster fendleri** Rare, 8 to 12" rock plant, a mass of inch wide cupped blossoms of pearly blue, September. Rated a "darling." 60c; 3, \$1.35.

**Aster kumleini** Showy purple or blue, gold centered, one of the finest native asters. Sheets of color at 12 to 15", September. 50c; 3, \$1.20.

**Aster kumleini**, Dream of Beauty. Good, definitely pink, lavish flowering. 15". 55c; 3, \$1.35.

**Aster meritus** Earns its name with broad closely massed corymbs of pinkish violet, in July. 8 to 12". Performs well in shade. 60c; 3, \$1.45.

**Aster ptarmicoides** Cream centered white, beginning long season of beauty in July. Best in poor soil, sun or shade. 8 to 14". 45c; 3, \$1.00.

**Aster geyeri**, Black Hills. Magnificent discovery. Very superior strain, an unsurpassed soft blue, florets to 2" wide, in late fall. 30 to 40" or more. Drought resistant. 65c; 3, \$1.50.

**Astragalus gilviflorus**, White Orophaca. Silvery bun, to 8" spread, with a snow of high bannered pea blossoms, April, May Near evergreen. 45c; 3, \$1.10.

**Astragalus goniatus** Fresh lavender bonnets accented with purple, above green lacey leafage, June, Aug. 4 to 8". Root running but fine. 50c.

**Astragalus missouriensis** Clusters of brilliant magenta-purple peas, June, on 12 to 20" spread of grayish 5" plant. Often short lived. 45c.

**Astragalus spatulatus** Faintly frosty, prickly bun, turning to light-reflecting purple, May and early June. 4", irresistible gem. 45c; 3, \$1.10.

**Astragalus tridactylus**, Red Orophaca. Silvered bun, turning to lovely lavender-rose in late May. May attain 12" spread or more. 55c; 3, \$1.35.

**Astragali**, hosts to nitrogen gathering bacteria, need limy scree.

**Callirhoe involucrata**, Wine Cups. Trailing stems to 25", deep glossy cups of intense and pleasing wine red. Long summer season. 50c; 3, \$1.20.

**Campanula petiolata**, Western Harebell. Larger and more floriferous than typical *rotundifolia*, 8 to 18", with masses of translucent blue-purple or lavender flaring bells, June and later. 50c.

**Cerastium strictum**. Earth hugging mat of soft deep green, multitudinous white flowers to 8", May to July. Like a large *C. arvense*. Clump, 45c.

**Chrysopsis villosa**, Golden Aster. Massed beauty in richest tone, August, Sept. 12". For best effect shear back to 4" in June. 50c; 3, \$1.20.

**Clematis scotti**, Leather Flower. Intriguing nodding urns of blue or purple, May. 8 to 10". Glaucous plant, showy seed plumes. 60c; 3, \$1.45.

**C. scotti** A wonderful variant in a fresh pure pink. Rare find, slowly propagated. Each \$2.00.

**Clematis tenuiloba** Exquisite nodding, wide flaring, four-pointed stars of blue-purple all through June, 10". Narrow lobed leafage, 6 or 7", in dense ground cover, spreads slowly. 75c; 3, \$1.75.

**Dalea aurea** Novel and exotic appearing plant, silvery green and airy light yellow in prairie clover manner. 10 to 16", June. Scree. 50c.

**Dalea enneandra** White and silver, in slender swaying racemes atop slender, nearly leafless stems, June, August. 25 to 35". Can be planted among choice low scree things. 45c; 3, \$1.20.

**Dodecatheon pulchellum** (*pauciflorum*), Shooting Star. As many as 15 darting rose and gold stars to the umbel, 4 to 10", mainly May. Most adaptable and drought enduring species. 50c; 3, \$1.35.

**Drymocallis fissa** Cinquefoil cousin with plentiful five-petaled, butter yellow saucers, June. 10 to 12". Rich, dark, pinnate foliage. 45c; 3, \$1.00.

**Echinacea angustifolia**, Pink Cone-flower. Beautiful and bold, wide rayed daisies of rosy pink with cone-like centers of glossy mahogany prickles, July. 10 to 15". Sun loving, drought proof. 45c; 3, \$1.10.

**Erigerons**, allied to Asters, are commonly called daisies. They are of many types and uses.

**E. asper** Rich lavender in a dense shaggy fringe, inch-and-a-fourth wide, with golden center. June, 8 or 9". Summer dormant. New. 50c; 3, \$1.10.

**E. caespitosus** Inch wide, extra white, golden eyed, charming. To 7", June. 50c; 3, \$1.20.

**E. flagellaris**, Whiplash Daisy. A winning Milky Way of dainty white daisies, June and later. 5 to 8". Shallow rooted spreader. Clump, 45c.

**E. glabellus** Inch wide daisies, light to deep lavender, several to the stem, July, August. 8 to 18" Glossy evergreen tufts. 50c; 3, \$1.35.

**E. macranthus** Large plant, to 18", with handsome masses of purple-blue, June, July. 40c; 3, \$1.00.

**E. scribneri** (nematophyllus) Upstanding jewels of white and gold, inch wide, crowded, above a dark green cushion of linear leaves. Gay, sunny scree plant. To 5". 55c; 3, \$1.35.

**Eriogonum depauperatum** Globular heads, white, tinted rusty pink, above grayish leafage. Modest 4" subshrub, pleasing, new. 45c; 3, \$1.20.

**Eriogonum flavum** A very pleasing one of the numerous Buckwheats. Large fluffy umbels of soft yellow, June, beautiful all-season mats of green felted leaves. 4 to 10". 50c; 3, \$1.35.

**Evolvulus nuttallianus** Quaint half-inch lavender morning glories along stems of a furry, 8", branching bushlet. Best in sand, not a pest. 45c; 3, \$1.

**Three little Ferns:** all drought resistant, loving rich soil, much shade. **Cheilanthes feei** dark green, rugose rock fern, to 5". **Pellaea atropurpurea**, 6" rock fern in glossy deep green. **Woodsia scopulina**, bright green, to 6", accepts much sun, with steady moisture. Each, 50c; 3, \$1.10; 1 of each, \$1.35.

**Geum triflorum**, Prairie Smoke. New to our lists. Deeply cut, rosetted leaves of deep green, reddish inflorescence, usually 12", sunburned-pink petals that never open wide. Ladies love it! 50c.

**Gutierrezia sarothrae**, Golden Dome. Countless fine stems and minute vivid green leaves, dressed in sparkling gold, Sept. To 12". 50c; 3, \$1.35.

**Hedeoma caborum**, Perennial Pennyroyal, Trim 8" herb, flushed with pink-lavender mint type blossoms, June on. Fine fragrance. 45c; 3, \$1.10.

**Iris missouriensis** Graceful flags of silvery blue, 12 to 18", June. Forming dense clumps of slender leaves. Free blooming. 50c; 3, \$1.35.

**Lathyrus incanus**, Sand Pea. Clusters of 2 to 7 large blossoms, banners purple-rose, wings white to pink, early May. 4 to 6". This one is glaucous, downy. **L. ornatus**, much the same but glabrous often brighter in banner. These are spreaders worth controlling. Either, 50c; 3, \$1.20.

**Lesquerella spatulata**, Bladder-Pod. Bears its sun reflecting golden crucifer blossoms joyfully, May June. 4" high, to 10" wide. Clayey limestone scree. Gray evergreen rosettes. 50c; 3, \$1.20.

**Lewisia rediviva**, Bitter-Root. Glorious flowers of rich carmine pink, 2 to near 3" wide, upon the ground. Succulent foliage disappears at blossom time to come again in fall. Lean loam or silt, summer dryness essential. 60c; 3, \$1.50.



*Leucocrinum montanum*, Sand Lily. See front cover. 50c; 3, \$1.20; doz. \$4.00.

*Liatris ligulistylis*, Blazing Star. 20 to 30 lovely luminous purple inch wide heads, July. Maroon bud bracts. 18" or higher. 50c; 3, \$1.20.

*Liatris punctata*, Dwarf Gayfeather. Dense fluffy spikes of fine clear purple, 8 to 14". Aug. 45c.

*Lithophragma parviflora*, Woodland Star. Radiant stars of white in capitate raceme, 4", May, to 12" in June. Tiny tubers, small sod, 50c; 3, \$1.20.

*Lithospermum incisum*, Fringed Puccoon. Softly glowing yellow ruffled trumpets, May. To 12". Charming showy bushlet. 50c; 3, \$1.35.

*Malvastrum coccineum*, Flame Mallow. Arresting salmon-scarlet in short spires, 5 to 8", long season. Deeply cut grayish foliage. 50c; 3, \$1.35.



*Mertensia lanceolata*, Prairie Bluebell. In April a 2" stem bears a full cluster of buds, to open thrillingly in the first warm days, to 3". Stems branch and rebranch, with countless clusters, into late June, never above 10". 50c; 3, \$1.40.

*Mirabilis multiflora*, Hardy Four-oclock. 15" high plant, 36" spread. Long season of lavish bloom, in magenta-purple. Large deep root for dryish, well drained ground. 50c; 3, \$1.35.

*Moehringia lateriflora* Myriads of five-petaled jewels, fresh, shining white, close upon a 4" high mat of glossy deep green. Especially fine. Practically evergreen, slow spreading. 60c; 3, \$1.50.

*Nothocalais cuspidata* Rich textured golden discs, 2" wide, from a few wavy white margined leaves, April, May. 2 to 6". 50c; 3, \$1.20.

*Nuttallia decapetala*, Evening Star. Late afternoon blooming, 4" wide flowers, cream-white with a primrose yellow brush of stamens, all summer. Strikingly beautiful. To 26". For well drained shaley or gravelly soil. 50c; 3, \$1.35.

*Oenothera brachycarpa* Magnificent soft yellow evening primrose, 4" wide, open evening to morning. Clusters of silky green lanceolate leaves, to 6". Spreads slowly from root. 50c; 3, \$1.35.

*Oe. caespitosa*, Gumbo Lily. Great snowy fragrant flying saucers from the ground, in a patch of glossy, leaves. Open all day. Season, May to August. Recommended scree. 45c; 3, \$1.20.

*Oe. lavandulaefolia* Rich crinkled yellow blossoms, freely, June to frost. 2" wide, open most of the day. 4" high. Highly rated. 50c; 3, \$1.35.

*Oe. serrulata* Unrivalled display of saucers of brightest yellow, inch wide, open most of day, May, August. Compact subshrub, to 10". 45c; 3, \$1.10.

*Oe speciosa* Typical white — Building up stock.

**Oe. speciosa** Rare rose pink form, 3" wide, fragrant, thrillingly beautiful. Day blooming. 12". Readily grown, root colonizing. Each, \$1.00; 3, \$2.50.

**Oxytropis lamberti**, Purple Loco. Typically red-purple, light to dark, its many 12" plumes of pea florets are spectacular. Handsome silvery basal tufts of pinnate leaves. 50c; 3, \$1.20.

**Penstemons:** They serve many uses delightfully, with various adaptabilities. All need good drainage, the more important in climates moister than their habitats. You may need to deepen the scree, or double the gravel content. Evergreen basal rosettes or mats are the rule.

**P. albidus** Large white blossoms, 10 to 15" tall, June. Broad lanceolate green leafage. Likes some firmness of soil texture. 45c; 3, \$1.20.

**P. alpinus** Fine deep blue, with dark glossy foliage. Like glaber but only 12" tall. 45c; 3, \$1.20.

**P. aridus** Rock garden gem in violet-blue, of delicate air but sturdy and long lived. 7", June. 50c.

**P. caespitosus** Very low mat of tiny broad leaves liberally sprinkled with lavender-blue trumpets, June. Permanent in dry half shade. Clump 50c.

**P. eriantherus** Large, lovely warm lavender with prominent tongue of gold. June, 8 to 12". Dark rough leafage. Needs some clay and lime, extreme drainage, but no richness. 45c; 3, \$1.20.

**P. glaber** Thrilling intensity of blue, dark or lighter. Plant green. To 18" or more, June, July, repeating if cut back. Adaptable. 45c; 3, \$1.20.

**P. grandiflorus** Tall and stately, very large flowered, cool deep lavender, with glaucous stem and leaves, June. 45c; 3, \$1.20.

**P. grandiflorus**, in pure white. The albino is a garden treasure. Very limited stock, each 60c.

**P. nitidus** Earliest to bloom, brilliant caerulean blue, large flowered. Plant glaucous. Especially choice dwarf form, 8", May. 50c; 3, \$1.35.

**P. procumbens** Very low mat of tiny ovate leaves of rich green, and bright blue blossoms. Extra vivid winter color. Sun or half shade. 60c.

**P. secundiflorus** Arching spires of reddish lavender, 16". Glaucous. Excellent, showy. 50c.

**P. virens** Massed purple-blue spires to 12", late June. Small dark glossy leaves, forming mats. Very free flowering, and easy to grow. 50c; 3, \$1.20.

**Petalostemon oligophyllus**, Prairie Clover. White circlets in gay mood on green cones. 10", June. Small dark leaflets, airy habit. 45c; 3, \$1.20.

**Petalostemon purpureus** Circlets of orange anthered purple-red on slender deep green thimbles. June, July, 15". Scree or sand. 50c; 3, \$1.35.

**Petalostemon villosus** Silvered velvety plant, silvered lavender-rose fingers, all very lovely. July, August. Arching, mostly under 12". 50c; 3, \$1.35.

**Phloxes of the Great Plains** delight in a scree with dominant clay content and a bit of richness. Give half shade and keep cool until established, then more sun.

**P. alyssifolia** Lavender-pink, inch wide, fragrant full lobed blossoms, May, June. To 4". Leaves edged white. Slow mat maker. 50c; 3, \$1.20.

**P. alyssifolia**, select cream-white. Same price.

**P. andicola** Large full lobed white, needle leaved phlox of the high prairies, making colonies or mats. 4", May to July. Any soil. 45c; 3, \$1.10.

**P. andicola**, a rare fine lavender. 50c; 3, \$1.35.





**P. hoodi** Mossy green mats, very low, spreading, finally wide. Snowed over with lovely little blossoms, April, May. 50c; 3, \$1.20.

**P. longifolia** Handsome upright species, to 6", cluster flowered, May. Leaves dark green, linear. Glowing white, 50c; 3, \$1.35.

**Potentilla divisa** A double handful of pirates' gold among silvered deep-cut leaves, early May. 3", with spread to 10". Scree or rocks. 50c; 3, \$1.35.

**Ruella ciliosa** ("occidentalis") Inch-and-a-half petunia in glowing lavender, catching everyone's eye. 8 to 12". All summer. 45c; 3, \$1.10.

**Senecio purshianus** Rock plant with all season gray, 2" foliage tufts, displaying in June airy golden, paniced daisies at 8". 45c; 3, \$1.10.

**Sideranthus spinulosus** Massed inch wide asters of glinting gold, at 4", Sept. The type branches densely, has frosty, fine textured, pungent foliage. Poor soil, hot sun. 50c; 3, \$1.40.



**P. angustifolius** Large blossoms, exquisite form and carriage, melting deep azure with a thread of soft pink at the throat. Foliage very glaucous. 12", June. Often in loose sand. 40c; 3, \$1.10.

**Solidago glaberrima**, Smooth Goldenrod. Charming broad, nodding tipped panicles, August. Choice dwarf form, to 12". Moderate traveler. 50c.

**S. mollis** Especially rich billowy heads, September, 4 to 12". Gray-green. Slow traveler. 50c.

**S. pallida** Lovely fragrant, luminous light golden plumes, September. 16 to 18". Broad glossy basal leaves, non-spreading clump habit. 60c; 3, \$1.50.

**S. pulcherrima** September beauty in plump tapering rods. 16". Clump habit, non-spreading. 60c.

**Thalictrum venulosum** Dwarf Meadow Rue. Very attractive mounds of dense, faintly bluish foliage, to 6 or 8". Negligible bronzy bloom, to 20". Colony forming, not rampant. 45c; 3, \$1.00.

**Townsendia exscapa**, Easter Daisy. "Inscrutable" glowing pink daisies upon a tuffet of evergreen leaves, all under 2". Lean scree. 50c; 3, \$1.35.

**Townsendia sericea** Even more dwarf, one of the first of the Plains' responses to spring. Gem in white and ashy green, early April. 50c; 3, \$1.35.

**T. sericea** A rare find in delicate glowing pink. A few plants at 60c each.



**Tradescantia bracteata**, Rainbow Spiderwort. Of many colors and tints. Breaks into bloom in June at 4", continues in long season to 10". Reported to spread rapidly in some environments. Selections in bright rose, purple, each 40c; appleblossom pink, fine white, each 50c; doz. mixed, \$3.00.

**Verbena bipinnatifida** Bright blue-lilac. Steady production from May to October. Low, trailing, wide spreading, hardy with winter dryness at crown. 45c; 3, \$1.10. By late June from seed, packet 25c.

**Viola adunca** A smiling quizzical little old man in deep blue. Part shade. Often blossoms again in autumn. 40c; 3, \$1.00.

**Viola nuttalli** Brilliant golden violet of the dry sunny plains. Heavy producer, April, May. 2 to 6". Summer dormant. 40c; 3, \$1.00.

**Viola pedatifida** Large blossoms of light to medium violet, well above the deeply incised leaves. 4". Any soil, light shade or sun. 40c; 3, \$1.00.

**Viola rugulosa** White, tinted pink, with violet pencilings. 6 to 12", long season. Short stolons build dense ground cover. Clump 45c; 3, \$1.20.

**Yucca glauca** Bayonet-like leaves to 18"; 30" or taller spires, occasionally branched, of nodding lilies, usually greenish cream, July. 60c; 3, \$1.35.

### BULBS FOR FALL PLANTING

**Allium cernuum**, Nodding Onion. Umbels of light shell pink, July, at 8 to 16". 3, 45c; doz. \$1.20.

**A. geyeri** Very pink heads at 4", mountain top, to 20" in lush meadow. New. 3, 50c; doz. \$1.20.

**A. recurvatum superbum** Much larger than *cernuum*, richer pink. Leaves glaucous, flattish. 3, 50c.

**A. textile** Broad upright umbels of green ribbed white stars at 8", May. Summer dormant. 3, 45c.

**Androstephium caeruleum**, Blue Bethlehem Star. Wide umbels of soft blue, 4 to 8", May. Few dark green leaves. Corms, 40c; 3, \$1.00; large, 50c.

**Calochortus gunnisoni**, Gunnison Mariposa. Lovely white chalice, clusters of greenish hairs at base. July, 16". Grassy leaves. 3, 50c; doz. \$1.20.

**Calochortus macrocarpus** One of the hardiest and most reliable of mariposas, Striking, long pointed stars of satiny lavender, July. 3, 60c; doz. \$1.50.

**Calochortus nuttalli**, Sego Lily, Mariposa Tulip. Shining white, marked gold and maroon. June, 12". Glaucous plant. 3, 50c; doz. \$1.20.

**Erythronium mesochorium**, Prairie Erythronium. Many gardeners know this pleasant sounding name for a group of very lovely Maytime bulbs — and it does not ring in snakes, dogs, fish or fawns! Lavender tinted white, petals recurved in our strain, leaves unspotted. Free flowering, increasing by bulb offsets. Rare. Strong bulbs, 3, 60c; doz. \$2.00.

**Lilium umbellatum** True species, resembling *L. philadelphicum*. One to three 4", up-facing orange-red cups, June, July. 10 to 16". Lime tolerant. Plant 4" deep, good soil, well drained. Blooming size, 40c; 3, \$1.00; 1 inch, 50c.

**Zygadenus elegans**, False Camas. Spire-like panicle of whitish stars, to 18", July. Modestly attractive. Foliage glaucous. Part shade. 3, 65c.

**Zygadenus gramineus** Spire of creamy stars in a haze of golden stamens, June. 10 to 16". Basal grassy green leaves. 3, 45c; doz. \$1.50.

**FOR GARDENS IN HALF SHADE** and moderately rich soil, well drained: *Agastache*, *Alliums cernuum*, *geyeri* and *recurvatum*, *Anemone patens*, *Antennarias campestris*, *mycophylla* and *rosea*, *Arnica fulgens*, *Asters geyeri*, *meritus* and *ptarmicoides*, *Campanula*, *Cerastium*, both *Clematises*, *Dodecatheon*, *Erigerons asper*, *caespitosus* and *glabellus*, the Ferns and *Geum triflorum* *Iris*, *Liatris ligulistylis*, *Lilium*, *Lithopragma*, *Moehringia*, *Penstemons caespitosus* and *procumbens*, *Solidago pallida*, *Thalictrum*, Violets except *nuttalli*. With adequate moisture, however, sun is equally agreeable to these shade tolerant kinds.

### COLD CLIMATE CACTI

*Coryphantha vivipara* Ball, to 3" or more, showy carmine flowers on top, June. 35c; 3, 90c.

*Echinocereus viridiflorus* Glossy greenish yellow blossoms on ribs, June. To 4". Color banded spines on new growth. 35c; 3, 90c.

*Neobesseyia missouriensis* Ball to 2" or more. Blossom yellow or pale orange, May. 35c; 3, 90c.

*Opuntia aurea* New prickly pear, flower yellow of wonderful depth. Almost spineless. 50c each.

*O. fragilis*, Brittle Cactus. A pygmy prickly pear. Large yellow blossoms, June. 35c; 3, 90c.

*O. humifusa* Pads 4 to 6", Western selection with very large, red centered, yellow blossom, late June. Ripe pears dark red, showy. 40c; 3, \$1.00.

*O. imbricata*, Tree Cactus. Ribbed cylindrical sections. Carmine flowers, July. To 36 or 48", or more. Rooted single joints, 50c; 3, \$1.35.

*O. polyacantha* Spiny prickly pear, pads 4" or more, 4" silken blooms, May. Select pure lemon, fine rich orange, either, 40c; 3, \$1.00; wonderful carmine, or crimson and gold, 50c; 3, \$1.35.

*O. rhodantha* Large flowered selection in thrilling carmine pink. Rather large spineless pads. 75c.

*O. rutila* Narrow, smallish pads, 2" blossoms of showy carmine. 40c; 3, \$1.05.

*O. "Apache"* Ferocious spines, young spines reddish and erect like "hair standing on end." Flower carmine. Probably *rutila* hybrid. Each 50c.

*O. "Smithwick"* *Humifusa* x *fragilis* Twice size of *fragilis*, free blooming bright yellow. Each 40c.

**Collection 1:** One each of the 15 descriptions above, value \$6.65, for \$5.50.

**Collection 2:** Any ten, your choice, all different, deduct 10%.

**Cactus culture:** Cold climate cacti naturally exhaust their moisture and shrivel in preparation for winter. An ample depth, say 12", of 9 parts gravel and coarse sand to 1 of good loam, supports lavish bloom, aids essential winter dryness.

### SHRUBS

*Amorpha canescens*, Lead Plant. Low, gray, velvety effect, with orange dotted purple fingers of bloom, June, July. 12 to 25". 75c; 3, \$1.65.

*Artemisia cana* Rather stiffly erect Gray Sage. 2 to 3 ft. 1½" leaves, lance-linear. 60c; 3, \$1.50.

*A. filifolia*, Sand Sage. Beautiful, silvery, fine textured, much branched, delightfully fragrant. Commonly 2 ft. 60c; 3, \$1.50.

*A. tridentata*, Sagebrush. Tiny three-tipped blue-silvered leaves, erect bushy plant. Nice fragrance. Local form, to 30". 75c; 3, \$1.65.



**Atriplex canescens**, Salt Bush. All gray-green, broad, densely branched bush, to 24". Conspicuous seed bracts. Nearly evergreen. 60c; 3, \$1.35.

**Cerocarpus montanus**, Mountain Mahogany. Little slightly grayish toothed leaves, novel blossoms, silvery seed tassels. Pleasing alone or grouped. Upright to arching, to 8 ft. 80c; 3, \$1.80.

**Chrysothamnus graveolens**, Rabbit Brush. Broad 3 ft. bush, covered with goldenrod-like bloom in September. Spectacular effect. 75c; 3, \$1.80.

**Eurotia lanata**, Winter-Fat. Holds its light gray color well into winter, adding seed tufts of white in autumn. 12 to 20". 60c; 3, \$1.50.

**Rosa arkansana** var. J. W. Fargo. Wild tetraploid of 40 petals. "Wholly delightful wild rose pink," said Mrs. Henry. Cluster flowering, mainly July. Much branched, 10 to 20". \$1.00, 3, \$2.50.

**Rosa foliolosa** Refreshing, five petaled, 1½" pure white. 10 to 12". Small shining leaflets. 90c each.

**Rose Mrs. Mina Lindell** (blanda blood, doubtless, possibly hybrid.) Natural tetraploid, semi-double, a vivid carmine-crimson. Dark leafage, red stems. Upright growing, 2 to 3 ft. \$1.00; 3, \$2.50.

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